

NCI's 3rd Annual Early Detection Research Network (EDRN) Scientific Workshop

Agenda

Monday, June 14, 2004

7:00 - 8:00 a.m.	Registration and Continental Breakfast
8:00 - 8:10 a.m.	Welcome Peter Greenwald, M.D., National Cancer Institute Sudhir Srivastava, Ph.D., National Cancer Institute
8:10 - 8:30 a.m.	NCI Director's Address Andrew von Eschenbach, M.D., National Cancer Institute
8:30 - 8:50 a.m.	A Cancer Survivor's Perspective Ms. Vickie Maye, The Hodgkin's United Group, Irish Cancer Society and NCI's All Ireland Consortium, Dublin, Ireland
8:50 - 10:20 a.m.	Session I: Biology of Early Cancer: How Early Is Early? Co-chairs: Wilbur Franklin, M.D., University of Colorado HSC Adi Gazdar, M.D., UT Southwestern Medical Center at Dallas Sudhir Srivastava, Ph.D., National Cancer Institute Presentations: <i>Molecular and Cellular Events in the Multi-Step Development of Human Cancer</i> Scott E. Kern, M.D., Johns Hopkins University School of Medicine <i>Specific Example and Proven Benefits of Early Detection</i> Brian J. Reid, M.D., Ph.D., Fred Hutchinson Cancer Res. Center <i>Bench to Bedside Direct: EGFR Mutations and the Pathogenesis of Lung Cancers</i> Adi Gazdar, M.D., UT Southwestern Medical Center at Dallas & Wilbur Franklin, M.D., University of Colorado HSC
10:20 - 10:30 a.m.	Break
10:30 - 12:30 p.m.	Session II: Enabling Technologies for Cancer Detection Co-chairs: Mel Tockman, M.D., Ph.D., H. Lee Moffitt Cancer Center Jeffrey Marks, Ph.D., Duke University Medical Center Mukesh Verma, Ph.D., National Cancer Institute Presentations: <i>High-Throughput Sequenced-Based Mutational Profiling</i> Richard K. Wilson, Ph.D., Washington University School of Medicine <i>Molecular Cantilevers for PSA</i> Richard Cote, M.D., University of Southern California

	<p><i>3D Cell Tomography for High-Throughput Orientation Independent Feature Analysis</i> Alan C. Nelson, Ph.D., VisionGate, Inc.</p> <p>Panel Discussion</p>
12:30 - 2:30 p.m.	Lunch (On Your Own)
2:30 - 5:00 p.m.	Poster Presentation: Breast/GYN, Lung Collaborative Groups (Poster Highlights from 3:30-4:30 p.m.)
5:00 - 7:00 p.m.	Dinner (On Your Own)
7:00 - 10:00 p.m.	<p>Session III: Molecular Approaches to Screening: Global and Organelle-Based Approaches Co-chairs: John Semmes, Ph.D., Eastern Virginia Medical School Bill Grizzle, M.D., Ph.D., University of Alabama at Birmingham Jacob Kagan, Ph.D., National Cancer Institute</p> <p>Presentations: <i>Molecular Approaches to Screening</i> Christine Wu, Ph.D., The Scripps Research Institute <i>Genomic Global Profiling</i> Joe Gray, Ph.D., Lawrence Berkeley National Laboratory <i>Proteomic Global Profiling for Cancer Biomarker Discovery</i> Samir Hanash, M.D., Ph.D., University of Michigan at Ann Arbor <i>Organelle-Based Approaches</i> John Bergeron, Ph.D., McGill University <i>The Human Mitochondrial Proteome, Aging and Degenerative Diseases</i> Bradford W. Gibson, Ph.D., Buck Institute of Age Research</p> <p>Panel Discussion</p>

Tuesday, June 15, 2004

7:00 - 8:00 a.m.	Continental Breakfast
8:00 - 10:20 a.m.	<p>Session IV: Analysis of High-Throughput Biologic Data for Prediction and Marker Discovery</p> <p>Co-chairs: Ziding Feng, Ph.D., Fred Hutchinson Cancer Research Center Steven Skates, Ph.D., Massachusetts General Hospital Paul Pinsky, Ph.D., National Cancer Institute</p> <p>Presentations: <i>Statistical Issues in the Analysis of High-Throughput Biologic Data</i> Lisa McShane, Ph.D., National Cancer Institute <i>Incorporation of Biologically Relevant Information into High-Throughput Biologic Data Analysis</i> Zhen Zhang, Ph.D., Johns Hopkins University School of Medicine <i>A Specific Example and Proven Benefits</i> Yudong He, Ph.D., Rosetta Inpharmatics, Inc. <i>Distinct Genetic Pathways Leading to Melanoma Depending on Anatomic Site and UV Exposure</i> Jane Fridlyand, Ph.D., University of California at San Francisco Cancer Center</p> <p>Panel Discussion</p>
10:20 - 10:30 a.m.	Break
10:30 - 12:30 p.m.	<p>Session V: Biology of Hereditary Cancers: What Impact They Have on Sporadic Tumor Detection?</p> <p>Co-chairs: Patrice Watson, Ph.D., Creighton University David Fishman, M.D., New York University School of Medicine Wendy Wang, Ph.D., National Cancer Institute</p> <p>Presentations: <i>Colon Cancer Families</i> Jeremy Jass, M.D., McGill University <i>The Genetics of Inherited and Sporadic Breast Cancer: How Understanding Genes Can Help Reduce Risk</i> Piri Welch, Ph.D., University of Washington <i>Hereditary Ovary Cancer</i> Jeff Boyd, Ph.D., Memorial Sloan-Kettering Cancer Center</p> <p>Panel Discussion</p>
12:30 - 2:30 p.m.	Lunch (On Your Own)
2:30 - 5:00 p.m.	Poster Presentations : GI and GU Collaborative Groups (Poster Highlights from 3:30-4:30 p.m.)
5:00 - 7:00 p.m.	Dinner (On Your Own)

7:00 - 10:00 p.m.

Session VI: Validation of Biomarkers

Co-chairs:

Margaret Spitz, M.D., MD Anderson Cancer Center
Dean Brenner, M.D., University of Michigan at Ann Arbor
Padma Maruvada, Ph.D., National Cancer Institute

Presentations:

Validation: Definitions, Pitfalls and Approaches

David Ransohoff, M.D., University of North Carolina at Chapel Hill

Analytical Validation: SELDI in Prostate

John Semmes, Ph.D., Eastern Virginia Medical Center & Ziding Feng, Ph.D., Fred Hutchinson Cancer Research Center

Clinical Validation of a Biomarker: DCP and Hepatocellular Carcinoma

Jorge Marrero, M.D., University of Michigan at Ann Arbor

Methylation of Key Genes for Urological Cancers

David Sidransky, M.D., Johns Hopkins University School of Medicine

Complementary Use of Rodent Systems and Humans for Discovery and Validation of Biomarkers for Cancer

Detection and Risk Assessment: Setting the Stage

Rodent Models:

Modeling Ductal Pancreatic Cancer in Mice

David Tuveson, M.D., University of Pennsylvania School of Medicine

Human Models:

Clinical Validation of Epigenetic Events as Biomarkers In Barrett's Esophagus Neoplastic Progression

Stephen Meltzer, M.D., University of Maryland School of Medicine

Panel Discussion

Wednesday, June 16, 2004

7:00 - 8:00 a.m.	Continental Breakfast
8:00–10:05 a.m.	<p>Session VIIA: Organ Specific Translational Research Co-chairs: Dan Cramer, M.D., Brigham and Women’s Hospital Bill Bigbee, Ph.D., University of Pittsburgh Cancer Institute Paul Wagner, Ph.D., National Cancer Institute</p> <p>Presentations: <i>Proteomics of Lung Cancer</i> David Carbone, M.D., Ph.D., Vanderbilt-Ingram Cancer Center <i>The University of Michigan Prostate Cancer Rapid Autopsy Program: Translating Findings to Patient Care</i> Ken Pienta, M.D., University of Michigan at Ann Arbor <i>Somatic Genetic and Epigenetic Alterations in Gastrointestinal Cancer</i> Manuel Perucho, Ph.D., The Burnham Institute</p>
10:05–10:15 a.m.	Break
10:15–12:30 p.m.	<p>Session VIIB: Organ Specific Translational Research Co-chairs: Dan Cramer M.D., Brigham and Women’s Hospital Bill Bigbee, Ph.D., University of Pittsburgh Cancer Institute Paul Wagner, Ph.D., National Cancer Institute</p> <p>Presentations: <i>Translational Research on Breast, Endometrial and Ovarian Cancer: an Epidemiologist’s View</i> Dan Cramer, M.D., Sc.D., Brigham and Women’s Hospital <i>Human Papillomaviruses: from Bench to Countryside</i> Tom Broker, Ph.D., University of Alabama at Birmingham <i>p110 sEGFR as a Serum Biomarker in Breast and Gynecologic Cancers</i> Nita J. Maihle, Ph.D., Yale School of Medicine</p> <p>Panel Discussion</p>
12:30–2:30 p.m.	Lunch (On Your Own)
2:30–4:00 p.m.	Wrap-Up Discussion
4:00 p.m.	Adjourn